WHAT IS CLAIMED IS:

1. A printing system comprising:

input means for inputting print data;

division means for dividing the print data input
by the input means into page units;

first addition means for adding print setting
state data to the print data of each of the page units
divided by the division means;

second addition means for adding page description
data to the print data of each of the page units
divided by the division means;

generation means for generating a print job
control script file in association with the print data
divided by the division means; and

print means for performing printing in accordance
with the print job control script file generated by the
generation means.

2. The printing system according to claim 1,
wherein the print data is a Page Description Language.

3. The printing system according to claim 1,
wherein the print setting state data is a print
setting/definition for return to a print start state of
the associated page.

4. The printing system according to claim 1,
wherein the page description data is an editing command
for enlargement, reduction, rotation and shift.

5. The printing system according to claim 1,

wherein the page-unit print data comprises a PDL description section for re-setting the associated page in a print start state; an editing PDL description section that defines variables necessary for performing

5 enlargement, reduction, rotation and shift at a time of re-printing and enables acquisition of a desired editing result by setting of values at a time of print execution; and a PDL description section for actual image rendering, and

10 the page-unit print data is stored in a folder for the print data, which is provided in storage means.

6. The printing system according to claim 1, wherein the printing system is a multi-function peripheral.

15 7. The printing system according to claim 1, wherein the printing system is a printer driver.

8. The printing system according to claim 1, wherein the printing system comprises a multi-function peripheral, and a personal computer having communi-

20 cation means for data communication with the multi-function peripheral.

9. The printing system according to claim 1, wherein a multi-function peripheral, a personal computer and an appliance server are connected by

25 communication means.

10. The printing system according to claim 1, further comprising:

storage means for storing page-unit print data in chronological order of storage;

display means for displaying, when the page-unit print data stored in the storage means is selected, the
5   selected page-unit print data as a thumbnail;

setting means for performing data setting by moving the thumbnail that is displayed on the display means; and

second control means for executing a control to
10   generate link information from the set thumbnail and to store the link information in the storage means.

11.   The printing system according to claim 10, further comprising:

determining means for determining print data of a
15   to-be-processed page from a current point that is a base point of the link information of the page-unit print data stored in the storage means; and

third control means for executing a control to extract print data of the page determined by the
20   determining means and to preview-display the extracted print data.

12.   A method of controlling printing, comprising:

dividing input print data into page units;

adding print setting state data to the print data
25   of each of the divided page units;

adding page description data to the print data of each of the divided page units;

generating a print job control script file in association with the divided print data; and

controlling printing in accordance with the generated print job control script file.

5   13.   The method of controlling printing according to claim 12, wherein the print data is a Page Description Language.

14.   A program that causes a printing system, which effects printing using given print data such as a Page

10   Description Language, comprising:

dividing the print data into page units;

adding print setting state data to the print data of each of the divided page units;

adding page description data to the print data of

15   each of the divided page units;

generating a print job control script file in association with the divided print data; and

controlling printing in accordance with the generated print job control script file.